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FOREIGN CROPS AND MARKETS.

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CROP PROSPECTS.

The condition of crops in France was generally favorable on July 1, according to a radiogram received by the United States Department of Agriculture July 23, from the International Institute at Rome.

Forecasts of cereal production in Hungary 1923 indicate a production larger than last year. This increased production is due largely to favorable weather. The 1923 wheat crop of Hungary is forecasted at 60,737,000 bushels compared to the revised estimate of 54,711,000 bushels in 1922, according to a cablegram received by the United States Department of Agriculture, July 20, from the International Institute at Rome. This is an increase of 6,000,000 bushels or 11 per cent. The final estimate of 1922 was about 45,000,000, but the revised figure just made public indicates that there was some 9,000,000 bushels more wheat in Hungary last year than was at first supposed. This reduces the first estimate of the increase of the 1923 production over that of 1922.

The rye production for 1923 is forecasted at 27,439,000 bushels, as compared with 25,156,000 in 1922.

The first forecast of barley production in this year is 23,561,000 bushels as against 22,184,000 bushels harvested last year.

The first oats forecast indicates a production of 24,388,000 bushels in 1923 as compared with 22,528,000 produced last year.

Average yields of cereals are indicated in Rumania. Acreage, except barley, is below 1922.

Average yields of cereal crops in Rumania are indicated, according to a cablegram to the United States Department of Agriculture, July 25, 1923, from the International Institute of Agriculture at Rome. The condition of maize is good.

The preliminary estimates of acreage of cereal crops, except barley, is below that of 1922. The acreage of wheat is estimated to be 6,236,000 acres as compared with 6,548,000 acres last year. This is a decrease of 312,000 acres or 4.8 per cent.

The rye acreage is 613,000 acres against 659,000 in 1922. The 1923 acreage is 46,000 acres or 7.0 per cent less than in the year preceding.

The barley acreage is 171,000 acres or 4 per cent greater this year than last, the acreage for 1923 being given as 4,438,000 acres as compared with 4,267,000 acres in 1922.

The acreage of oats in 1923 is 3,110,000 acres compared with 3,294,000 acres in 1922. This is a decrease of 184,000 acres or 5.6 per cent.

Forecasts of crops in Korea indicate a production of 9,186,000 bushels of wheat and 30,727,000 bushels of barley.

Conditions in the southwestern wheat belt of Russia, which was the prewar the center of exportable surpluses, are poorer than formerly reported, according to unofficial information from Riga. Due to improper tillage methods employed by the peasants, spring crops are suffering.

The stocks of wheat in Australia on June 1 were 58,000,000 bushels, and the exportable surplus at the same date was 40,000,000 bushels, according to a cablegram received by the United States Department of Agriculture, July 18, 1923, from Consul Fox at Melbourne. This would indicate an allowance of 18,000,000 bushels for consumption during the remainder of the season.

Argentina's exportable surplus of wheat on July 3 was about 36,000,000 bushels, according to a cable received by the United States Department of Agriculture from Buenos Aires on July 18, through the Argentine Embassy at Washington. Last month the estimated Argentine surplus was about 49,000,000, according to the same authority.

SWINE, PORK, AND PORK PRODUCTS.

The total number of swine in the principal producing countries of the world from which comparable figures are available, according to the most recent estimates is 227,431,000 as compared with 263,844,000 for a representative pre-war estimate. This is a decrease of 36,413,000 or 14 per cent. The United States shows the largest increase, the number on farms on January 1, 1923, being estimated at 63,424,000 as against 58,933,000 on January 1, 1914. This is an increase of 4,491,000 or 8 per cent. There were smaller increases in Argentina and Canada. The number of swine in most of the European countries was less in the recent estimates than during the pre-war period. Some of the countries showing decreases in numbers were France, Germany, and Denmark.

Swine slaughterings in the inspected establishments of Canada, during 1921, were 1,636,000 head, which is somewhat below 1,665,000 the number slaughtered in 1913 and nearly 1,000,000 less than 2,616,000, the number slaughtered in 1915. The output of fresh pork in Canada in 1921 amounted to nearly 78,000,000 pounds, compared with 76,000,000 in 1920. The output of salted pork, hams, shoulders, bacons, and sides was less in 1921 than in the preceding year; the salted pork amounting to 41,000,000 pounds in 1921 compared with 45,000,000 pounds the year before, while hams, shoulders, bacons, and sides were only 131,000,000 pounds against 173,000,000 pounds produced in 1920.

The total supply of pork in the United Kingdom was 1,411,000 pounds, in 1920-21. This was less than in any other year since 1913. Home production during 1921-22 was greater than in the preceding year, but the imports were much smaller. No statistics of supplies are available for Ireland for 1921-22 but the supply for Great Britain only, amounted to 1,530,000 pounds.

The swine industry of Denmark has partially recovered from the depression of the war period. The number of swine on farms July 15, 1922, was 1,734,000 and the number slaughtered during the year was 2,215,000. Although these figures show a considerable increase over any of the four preceding years, they are still somewhat below those for the years 1914-18.

Swine slaughterings in the Villette and Vaugirard slaughterhouses of Paris in 1921 amounted to 457,529 head, which was considerably greater than in any of the five preceding years. From 1912, when the total slaughterings were 487,232, the number declined steadily, until in 1919 the number slaughtered was only 260,254. The consumption of pork in Paris was only 57,382,000 pounds in 1918 which was considerably lower than any other year during the period 1910-1919.

Swine slaughterings in Germany reached the lowest point of recent years during 1919 when the number slaughtered were only 1,368,000. In 1922, the number slaughtered was 6,917,000.

Exports of swine from the United States increased from a pre-war average of 11,000 head to 123,000 head in 1921, 78,000 head in 1922 and 39,000 head during the first five months of 1923. Cuba takes most of the swine exported from this country, while Mexico ranks second.

German 1922 imports of fats and oils from the United States, excluding tallow, decreased greatly in comparison with imports in 1912 and 1913, yet the percent obtained from the United States, with two exceptions (tallow and cottonseed oil) remained substantially the same.

Imports of lard into the United Kingdom amount to approximately 255,000,000 lbs annually. The United States furnishes over 90 per cent of this lard, Canada ranking second as a source of supply.

Denmark exported 246,000 lbs. of bacon, hams and shoulders in 1922, which was only a slight increase over the prewar average. 5,500,000 lbs. of lard were exported in 1922 as compared with an average of 10,000,000 lbs. during 1909-13. Approximately 9,000 head of swine were shipped from Denmark to foreign countries during each of the last two years.

The total exports of bacon, hams, and shoulders from the United States amounted to 631,000,000 lbs., as compared with a pre-war average of 350,000,000 lbs. The United States exported 767,000,000 lbs. of lard in 1922, as compared with a prewar average of 474,000,000 lbs. This is an increase of over 60 per cent, while exports for the five months of 1923 already amount to 485,000,000 lbs. Germany and the United Kingdom each take about 30 per cent of these exports.

WORLD SUGAR PRODUCTION.

	1921-22	1922-23
	Short tons	Short tons
World production, including revisions.....	20,174,738	20,462,466
New estimates received....	None	None

CUBAN SUGAR PRODUCTION.

The Cuban Sugar production up to July 14 as estimated by Willett and Gray amounts to 4,043,000 short tons as compared with 4,302,000 short tons for the corresponding period of 1922. The same four centrals reported last week continue grinding, as against 14 at the same time last year.

Source: Weekly Statistical Sugar Trade Journal, Willett & Gray, July 19, 1923, page 367.

COTTON GROWING ENCOURAGED IN SPAIN.

A Royal Decree was published in June, 1923, creating a Committee composed of representatives of Government Departments, Chambers of Commerce, associations of manufacturers, and delegates of cotton-growing provinces, the object of which will be to stimulate and encourage cotton growing in Spain.

The climate and soil of Spain are especially suited to cotton growing. Whether the dryness of the climate will permit the production of large cotton crops, and whether the deficit in rainfall can be made up by irrigation are questions which still remain to be answered.

The King has manifested great interest in the cotton production of Seville, and has promised to use his influence to secure Government aid for the expansion of this crop.

Source: Consular Report, June 7, 1923, Barcelona, Spain.

July 25, 1923.

Foreign Crops and Markets

73

EGYPTIAN COTTON REPORT, JULY 1, 1923.

(Reduced to Equivalent of Bales of 478 Pounds Net)

Receipts in Alexandria:

June, 1923.....	4,621
Aug. 1, 1922- July 1, 1923	1,381,396
Aug. 1, 1921- July 1, 1922	1,103,549

Exports:

June, 1923	52,354
Aug. 1, 1922- July 1, 1923	1,438,534
Aug. 1, 1921- July 1, 1923	1,089,271

Stocks:

July 1, 1923	272,205
July 1, 1922	387,489

Sources: Wire to State Department by Consul Maynard of Alexandria, and Egyptian Cotton Bulletin from Liverpool.

CONDITION OF COTTON CROP IN EGYPT

According to the report of the Alexandria Produce Association, the weather conditions during June have been favorable and the appearance of the crop is satisfactory. The hot weather enabled the plants to regain previous backwardness.

Source: Cotton, July 7, 1923.

COTTON IN QUEENSLAND.

Cotton growing increased greatly in Queensland, Australia in 1923 which can be seen from the following figures:

	<u>1922</u>	<u>1923</u>
Number of growers	1,600	7,500
Acreage in cultivation.....	7,000	40,000
Estimated production (bales of 478 lbs.net)	2,700	14,000

Source: Consular Report, Newcastle, Australia, May 4, 1923.

ACREAGE OF WHEAT, ALL COUNTRIES REPORTING, 1922 AND 1923.

Item.	Acreage		Percentage	
	1922	1923	Decrease	Increase
	Acres	Acres	Per cent	Per cent
Estimates previously received and unrevised -				
20 countries.....	166,199,000	166,618,000		.3
Estimates recently received				
Rumania.....	6,548,000	6,236,000	4.8	
Total.....	172,747,000	172,854,000		.1

Sources: Official sources and International Institute of Agriculture bulletins and cables.

Exports of Grain and Wheat Flour from the United States, Wheat and Wheat Flour from Canada, and Shipments of Canadian Wheat and Wheat Flour through the United States in transit, July-June 1922 and 1923, and June 30 to July 21, 1923.

Commodity	Unit	12 mos. July-June :		1923		
		1921-1922	1922-1923	Week ending July 7.	Week ending July 14.	Week ending July 21.
		1,000	1,000	1,000	1,000	1,000
Exports:						
Barley.....	Bu.	22,400	18,193	182	338	665
Corn.....	"	176,386	94,064	207	204	337
Oats.....	"	15,767	18,574	41	63	51
Rye.....	"	29,904	51,412	1,481	592	287
Wheat.....	"	208,321	154,951	2,716	2,416	2,375
Wheat flour.....	Bbls.	15,797	14,883	139	151	206
In transit shipments from Canada:						
Wheat.....	Bu.	82,827	106,443	414	697	224
Wheat flour.....	Bbls.	2,492	3,229	6	4	2
Exports from Canada:						
Wheat.....	Bu.	145,097	226,672			
Wheat flour.....	Bbls.	7,719	10,715			

Source: U. S. Department of Commerce and Monthly Reports of the Trade of Canada.

PRODUCTION OF WHEAT, ALL COUNTRIES REPORTING, 1922 AND 1923.

Item	Production		Percentage	
	1922	1923	Decrease	Increase
	Bushels	Bushels	Per cent	Per cent
Estimates previously received and unrevised:				
15 countries.....	1,708,305,000	1,818,653,000		6.5
Estimates recently received:				
Hungary	54,711,000	60,737,000		11.0
Korea.....	a	9,186,000		
Total-16 countries reporting.....	1,763,016,000	1,879,390,000		6.6

a Not included in total.

WHEAT AND WHEAT FLOUR: EXPORTS FROM THE UNITED STATES DURING JUNE, 1922 AND 1923, AND JULY-JUNE, 1922 AND 1923.

Exported to -	Wheat and flour in terms:					
	of grain.		Wheat		Wheat flour	
	July-June 1921-22.	July-June 1922-23.	June, 1922.	June, 1923.	June, 1922.	June, 1923.
	Bushels	Bushels	Bushels	Bushels	Barrels	Barrels
United Kingdom..	63,166,610	36,849,719	4,997,161	1,258,597	143,418	139,736
Italy.....	35,881,652	34,016,061	898,430	1,432,654	---	4,665
Germany.....	28,606,267	13,274,644	1,357,162	133,625	50,244	86,501
Netherlands.....	23,386,784	16,669,042	1,141,000	456,199	35,638	91,844
Belgium.....	18,082,602	11,534,554	713,358	899,941	1,330	4,039
Japan.....	13,832,918	6,453,941	---	629,810	40,727	1,362
France.....	5,740,120	14,802,756	255,510	429,426	1,432	301
Hongkong.....	4,379,648	3,730,053	---	---	2,675	13,750
Cuba.....	4,820,200	4,920,849	2,037	4,067	90,118	83,009
Mexico.....	4,106,139	2,906,020	56,193	118,523	27,585	30,139
China.....	3,063,382	7,747,874	---	---	13,366	570
Finland.....	1,947,965	2,962,042	---	---	18,866	39,024
Other countries..	72,392,489	66,055,629	4,585,448	3,889,441	506,622	311,392
Total.....	279,406,776	221,923,184	14,006,299	9,252,283	932,021	806,332
Imports.....	17,251,482	19,944,934	1,609,876	121,752	619,105	17,655
Re-exports.....	382,753	(1) 206,769	0	(2)	0	(2)
Excess exports..	262,538,047	202,185,019	12,396,423	9,130,531	312,916	788,677

(1) 11 months only. (2) Not yet available.

Source: Bureau of Foreign and Domestic Commerce.

ACREAGE OF CEREALS, ALL COUNTRIES REPORTING, 1922 AND 1923.

	Acreage		Percentage	
	1922	1923	Decrease	Increase
	Acres	Acres	Per cent	Per cent
<u>RYE</u>				
Estimates previously received and unrevised-15 countries	30,145,000	29,198,000	3.1	
Estimates recently received				
Rumania.....	659,000	613,000	7.	
Total.....	30,804,000	29,811,000	3.2	
<u>BARLEY</u>				
Estimates previously received and unrevised-17 countries	31,908,000	32,381,000		1.5
Estimates recently received				
Rumania.....	4,267,000	4,438,000		4.0
Total.....	36,175,000	36,819,000		1.8
<u>OATS</u>				
Estimates previously received and unrevised-14 countries.	77,296,000	78,800,000		2.0
Estimates recently received				
Rumania.....	3,294,000	3,110,000	5.6	
Total.....	80,590,000	81,910,000		1.6

Sources: Official sources and International Institute of Agriculture bulletins and cables.

Foreign Crops and Markets.

PRODUCTION OF CEREALS, ALL COUNTRIES REPORTING, 1922 AND 1923.

	Production		Percentage	
	1922	1923	Decrease	Increase
	Bushels	Bushels	Per cent	Per cent
<u>RYE</u>				
Estimates previously received and unrevised- 5 countries.	256,612,000	285,494,000		11.3
Estimates recently received:				
Hungary	25,156,000	27,439,000		9.1
Total	281,768,000	312,933,000		11.1
<u>BARLEY</u>				
Estimates previously received and unrevised - 7 countries	306,996,000	331,921,000		8.1
Estimates recently received:				
Hungary	22,184,000	23,516,000		6.0
Corea .....	.....^a	30,727,000		
Total	329,180,000	355,437,000		8.0
<u>OATS</u>				
Estimates previously received and unrevised - 5 countries	229,391,000	243,597,000		6.2
Estimates recently received				
Hungary	22,528,000	24,388,000		8.3
Total	251,919,000	267,985,000		6.4

^a Not included in total.

Sources: Official sources and International Institute of Agriculture bulletins and cables.

Foreign Crops and Markets.

NUMBER OF SWINE IN UNDERMENTIONED COUNTRIES.

Note: In countries where boundaries have undergone changes data are given whenever possible for the former territory and for approximately present boundaries. Figures in parenthesis indicate the fact that the same figure has been used in both estimates where data for one or the other are lacking.

Country.	Date.	Pre-war Estimate. Thousands	Recent Estimate. Thousands	Date
United States:				
On farms	Jan. 1, 1914:	58,933	63,424	Jan. 1, 1923
Not on farms	Apr. 15, 1910:	* 1,288	* 2,638	Jan. 1, 1920
Hawaii (On farms and not on farms)	Apr. 15, 1910:	* 31	* 39	Jan. 1, 1923
Porto Rico (On farms and not on farms) ..	Apr. 15, 1910:	* 106	137	Jan. 1, 1920
Algeria	Sept., 1913:	112	<u>a</u> 125	1918
Argentina	June 1, 1914:	* 2,901	3,199	1919
Australia	Dec. 31, 1913:	801	960	Dec. 31, 1921
Austria	Dec. 31, 1910: <u>b</u>	6,432		
	Dec. 31, 1910: <u>c</u>	1,932	1,354	1920
Belgium	Dec. 31, 1910:	1,494	1,139	1922
Bolivia	1910:	114	(114)	
Bosnia-Herzegovina ...	Oct., Nov. 1910:	527	See Yugoslavia:	
Brazil	1912-13 :	18,401	* 16,169	Sept. 1, 1920
British Guiana	1913 :	14	12	1921
British Southwest Africa Protectorate:	1913 :	8	(8)	
Bulgaria	Dec. 31, 1910:	* 527	(527)	
Cape Verde Islands (Portuguese)	1914:	14	17	July 15, 1916
Canada	June 30, 1913:	3,448	3,916	July 15, 1922
Ceylon	1913:	86	59	1920
Chile	1913:	184	292	1919
China	1914:	76,819	<u>d</u> 44,711	1916
Columbia		(1,139)	1,139	1916
Costa Rica		(76)	76	1915
Croatia-Slavonia	Mar. 24, 1911:	* 1,164	See Yugoslavia :	
Cyprus	Mar. 31, 1913:	40	17	1921
Czechoslovakia	Dec. 31, 1910: <u>c e</u>	2,416	2,058	Dec. 31, 1920
Denmark	July 15, 1914:	2,497	<u>b</u> 1,734	
			<u>c</u> 1,899	July 15, 1922
Dominican Republic (Santo Domingo) :		(674)	<u>a</u> 674	May 15, 1921
Dutch East Indies:				
Java and Madura		(70)	70	1920
Outer Possessions ...		(737)	737	1920

Foreign Crops and Markets.

NUMBER OF SWINE IN UNDERMENTIONED COUNTRIES, -CONT'D.

Country.	Date.	Pre-War Estimate. Thousands	Recent Estimate. Thousands	Date.
Dutch West Indies:				
Dutch Guiana (Suriname)	1913	5	3	1918
Estonia		See Russia	272	1922
Finland	1910	422	374	Sept. 1, 1920
France	Dec. 31, 1913	7,036		
French Equatorial (French Congo).....		7,529	5,196	Dec. 31, 1922
French Guiana	1914	(150)	150	1918
French Cochin China....	1914	(7)	7	1916
Germany	Dec. 1, 1913	709	(709)	
Greece	1914	25,659		
Guatemala	1913	22,534	14,683	Dec. 1, 1922
Honduras	1913-14	227	416	1920
Hungary	Apr. 30, 1911	188	100	1920
Italy	Mar. 19, 1908	180	(180)	
Ivory Coast (French)...		6,167		
Jamaica	1913	3,192	2,653	1920
Japan	Dec. 31, 1913	2,508	2,339	Apr. 6, 1918
Chosen (Korea)	Dec. 31, 1913	(11)	11	1918
Formosa (Taiwan)	Dec. 31, 1913	31	32	1917
Kwantung:		310	528	Dec. 31, 1920
Within leased prov.:	Dec. 31, 1913	761	977	Dec. 31, 1920
Outside leased prov.:	Dec. 31, 1913	1,322	1,313	Dec. 31, 1919
Latvia		60		
Lithuania		6	85	Dec. 31, 1919
Luxemburg	Dec. 1, 1913	See Russia	6	Dec. 31, 1919
Madagascar	1915	See Russia	402	1922
Mauritius	1913	137	1,262	1921
Mexico	June 20, 1902	89	89	Dec. 4, 1919
Morocco (Western)	May-June, 1915-	666	457	1920
1916		8	4	1920
Mozambique (Portuguese East Africa)	1913	616	1,913	1921
Netherlands	June, 1913	29	130	1921
New Caledonia	1913	15	24	1916
Newfoundland (British) ..	1911	1,350	1,519	March, 1921
New Zealand	April, 1911	(25)	25	1921
		19	(19)	
		349	384	Jan. 31, 1922

Foreign Crops and Markets.

NUMBER OF SWINE IN UNDERMENTIONED COUNTRIES, -CONT'D.

Country.	Date.	Pre-War Estimate Thousands	Recent Estimate Thousands	Date.
Norway	Sept. 30, 1914:	228	<u>f</u> 127	Dec. 31, 1920
Nyasaland Protectorate:	Mar. 31, 1913:	22	19	1920
Palestine	:	(10)	10	1922
Panama	:	(30)	30	1916
Paraguay	1915:	61	87	Dec. 31, 1918
Peru	:	(469)	469	1922
Philippine Islands ...:	Dec. 31, 1913 :	2,087	3,639	1920
Poland	Summer, 1913 :	<u>b</u> 491	:	:
:	:	5,688	5,171	Sept. 30, 1921
Portugal	October, 1906:	1,111	921	March, 1920
Rhodesia (Southern) ...:	Dec. 31, 1914 :	<u>g</u> 13	<u>g</u> 27	Dec. 31, 1921
Rumania	1911 :	<u>b</u> 1,021	:	:
:	:	<u>c</u> 3,713	3,132	1921
Russia, including	:	:	:	:
Ukraine and Northern:	:	:	:	:
Caucasia	Summer, 1913 :	14,316	:	:
Asiatic Russia	Summer, 1913 :	2,037	:	:
Russia and Ukraine	:	:	:	:
(Soviet)	:	:	13,501	1921
Salvador	1906 :	423	(423)	:
Serbia	Dec. 31, 1910 :	866	See Yugoslavia :	:
Seychelles Islands ...:	1913 :	6	3	1919
Siam	:	(750)	750	Mar. 31, 1920
Somaliland (Italian) ...:	:	(1,666)	1,666	Feb. 1, 1920
Spain	1913 :	2,710	5,152	1921
Straits Settlement and:	:	:	:	:
Labuan	1913 :	158	267	1919
Swaziland (British) ...:	1913 :	9	9	1920
Sweden	Dec. 31, 1913 :	968	717	June 1, 1919
Switzerland	Apr. 21, 1911 :	570	639	Apr. 21, 1921
Trinidad and Tobago ...:	1913 :	9	11	1919
Tunis	Dec. 31, 1913 :	17	18	1921
Union of S. Africa ...:	Dec. 31, 1911 :	1,082	<u>a</u> 915	Apr. 30, 1921
United Kingdom:	:	:	:	:
England and Wales <u>h</u> :	June 4, 1913 :	2,114	2,308	June 3, 1922
Scotland	June 4, 1913 :	132	150	June 3, 1922
Ireland	1913 :	1,060	1,037	June 3, 1922
Uruguay	1908 :	180	304	Apr. 10, 1916
Venezuela	1912 :	1,618	512	1920
Yugoslavia	:	:	3,373	1921
Total <u>i</u>	:	263,844	227,431	:

Foreign Crops and Markets.

NUMBER OF SWINE IN UNDERMENTIONED COUNTRIES, -CONT'D.

* Census

a Unofficialb Old boundaries.c Approximately present boundaries.d Exclusive of the following provinces: Ssu-chuan, Kwantung, Yunnan, Kweichow and part of Hunan.e Exclusive of Sub-Carpathian Russia.f Rural districts only.g Animals owned by Europeans only.h Includes Isle of Man and Channel Islands.

i In countries where a pre-war estimate is given for both old and new boundaries; that for old boundaries has been used in the pre-war total. The post-war total is given for present-day boundaries. In order to include in the totals the territories formerly belonging to Russia, the figures for Russian or Congress Poland and European and Asiatic Russias for 1913 have been added in the pre-war total, while the most recent estimates available for Soviet Russia and the Ukraine, Poland (1921 boundaries including some territory formerly belonging to Germany and Austria) and the Balkan States - Estonia, Latvia, and Lithuania have been included in the post-war total. Figures for Czechoslovakia and Yugoslavia are included in the post-war total since they are included in the pre-war estimates for the countries of which they were formerly a part.

Foreign Crops and Markets.

NUMBER OF SWINE SLAUGHTERED IN CANADA IN INSPECTED ESTABLISHMENTS 1913-21.

Date	Number	Date	Number
1913	1,664,650	1918	2,271,639
1914	2,255,429	1919	2,331,876
1915	2,616,461	1920	1,785,235
1916	2,319,478	1921	1,636,389
1917	2,083,516		

Source: Live Stock and Animal Products Statistics, Canada, 1909-19, pp. 42-47, 1920, p. 29, 1921, p. 25.

SLAUGHTERING OF SWINE AND OUTPUT OF PORK PRODUCTS BY PACKING HOUSES AND ABATTOIRS IN CANADA. INDUSTRIAL CENSUSES 1917-21. a

Year	Swine slaughtered. <u>b</u>	Production of			
		Fresh pork.	Salted pork.	Hams, shoulders, bacons and sides	Lard.
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1917	330,169	81,963	40,931	286,215	37,319
1918	326,320	61,695	56,495	199,148	48,823
1919	334,883	53,343	90,380	178,200	41,895
1920	288,931	75,686	45,170	173,319	54,451
1921	.....	77,669	40,843	130,876	72,152

a This includes all slaughtering and meat-packing establishments inspected and un-inspected with the exception of small local butchers.

b Excludes some dressed meats purchased fresh or partially cured.

Source: Live Stock and Animal Products Statistics, Canada, 1909-19, pp. 42-47, 1920, p. 29, 1921, p. 25. Mimeographed sheet, entitled, "Slaughtering and Meat Packing and Allied Industries, Canada, 1921, Ottawa, 1922.

NUMBER OF SWINE IN GREAT BRITAIN AND IRELAND AND THE SUPPLY OF HOME-PRODUCED AND IMPORTED PORK IN THE UNITED KINGDOM DURING THE YEARS 1900 TO 1921.

Year	: Number of Swine in - :		Year ending May 31	: Pork Supplies :		
	: Great	:		: Home	:	:
	: Britain	: Ireland		: Produced	: Imported	: Total
	: Thousands	: Thousands		: Thousands	: Thousands	: Thousands
				: of pounds	: of pounds	: of pounds
1900...	2,382	1,269	1900-01	899,248	950,992	1,850,240
1910...	2,350	1,200	1910-11	831,040	612,192	1,443,232
1913...	2,234	1,060	1913-14	743,680	748,160	1,491,840
1914...	2,634	1,306	1914-15	907,200	822,080	1,729,280
1915...	2,579	1,205	1915-16	884,800	1,008,000	1,892,800
1916...	2,314	1,290	1916-17	784,000	999,040	1,783,040
1917...	2,051	947	1917-18	459,200	1,001,280	1,460,480
1918...	1,825	974	1918-19	392,000	1,173,760	1,565,760
1919...	1,936	978	1919-20	537,600	918,400	1,456,000
1920...	2,122	982	1920-21	672,000	739,200	1,411,200
1921...	2,651	977	1921-22 <u>a</u> <u>b</u> ..	645,000	885,000	1,530,000
1922...	2,449	1,037	.....	.....	.....	.....
:	:	:	:	:	:	:

a Year ending June 4.

b Great Britain only.

Sources: Great Britain - Agricultural Statistics, Ministry of Agriculture and Fishers, England, Years 1914-1922.

Ireland - Department of Agriculture and Tech. Inst. for Ireland, Preliminary

INSPECTED SLAUGHTER OF SWINE IN GERMANY, 1909 TO 1922.

Date	Number	Date	Number
1909	15,573,171	1916	6,547,645
1910	16,335,471	1917	5,794,812
1911	18,616,434	1918	2,429,999
1912	18,217,356	1919	1,367,927
1913	17,893,490	1920	3,024,020
1914	19,441,276	1921	6,926,602
1915	13,293,310	1922	6,916,735
:	:	:	:

a Final figures.

b The number of swine slaughtered in Germany in 1913 within the 1922 boundaries is reported as 16,375,542. As the difference between this figure and the number slaughtered in the former German territory in 1913 does not seem to be as great as the changes in boundary seem to warrant, it may be inferred that the stock was driven to some central point for slaughtering.

Sources: Statistisches Jahrbuch 1919, pp. 90 and 91; 1920 pp. 52 and 53; 1921/22 pp. 66 and 67. Reiches Anzeiger, Mar. 11, 1923.

Foreign Crops and Markets.

PIG PURCHASES BY CURING ESTABLISHMENTS AND EXPORTS OF
LIVE PIGS, IRELAND.

Week ending	Pigs bought for curing		Number of live pigs exported		Total purchased and exported	
	Corresponding		Corresponding		Corresponding	
	1922	period 1923.	1922	period 1923	1922	period 1923.
Jan. 5 ...	.....	11,280	.....	6,866	.....	18,146
Jan. 12 ..	27,911	22,769	1,731	7,240	29,642	30,009
Jan. 18 ..	.....	23,485	.....	8,382	.....	31,867
Jan. 25 ..	26,190	12,805	1,497	7,198	27,687	20,003
Feb. 2 ...	23,975	10,616	1,596	5,397	25,571	16,013
Feb. 9 ...	24,930	16,347	2,634	9,355	27,564	25,702
Feb. 16... :	.....	18,023	.....	7,373	.....	25,396
Feb. 23 ..	.....	12,963	.....	8,181	.....	21,144
Mar. 2 ...	20,733	11,587	930	6,185	21,663	17,772
Mar. 9 ...	.....	14,739	.....	11,028	.....	25,758
Mar. 16... :	.....	14,829	.....	9,852	.....	24,687
Mar. 23... :	12,754	13,110	1,711	5,598	14,465	18,706
Mar. 30... :	.....	14,005	.....	3,799	.....	17,804
Apr. 6 ...	.....	14,053	.....	3,035	.....	17,088
Apr. 13 ..	20,019	19,912	1,595	5,992	21,614	25,904
Apr. 20 ..	.....	.....	.....	.....	.....	.....
Apr. 27 ..	.....	16,659	.....	3,364	.....	20,023
May 4 ... :	19,421	17,463	755	3,039	20,176	20,502
May 11 ... :	.....	22,851	.....	3,488	.....	26,339
May 18 ... :	.....	19,975	.....	1,631	.....	21,606
May 25 ... :	16,512	18,508	239	1,434	16,751	19,942
June 1 ... :	.....	18,097	.....	3,459	.....	21,556
June 8 ... :	16,861	14,911	192	5,122	17,053	20,033

The fact that the number of pigs exported alive continue to be larger than last year is attributed to the difficulties of internal transport and to pigs being fattened to heavier weights than those in demand by Irish curing firms. The larger number of heavier pigs marketed for export is said to be due to the plentiful supply of potatoes available for feeding and the recent large imports of corn.

Source: Mimeographed sheet entitled, "Pig Statistics in Ireland," published by the Department of Agriculture and the Technical Institute of Ireland.

July 25, 1923.

85

Foreign Crops and Markets.

HOGS PURCHASED BY BACON CURERS, IRELAND.

Purchased alive	January	February	March	Period ended March.	
	Number	Number	Number	Three months	Twelve months
1911-14 ...	76,577	61,707	64,316	202,600	831,414
1920	66,210	53,581	42,955	162,746	635,388
1921	84,109	56,318	66,736	207,163	730,314
1922	87,241	70,272	57,625	215,138	805,916
1923	49,719	38,683	37,315	125,717	634,399
<hr/>					
Purchased dead	January	February	March	Period ended March.	
	Number	Number	Number	Three months	Twelve months
1911-14 ...	40,788	35,074	33,204	109,066	417,289
1920	22,621	16,417	10,529	49,567	207,577
1921	20,561	22,503	18,618	61,682	224,331
1922	22,583	24,633	19,285	66,501	237,001
1923	26,655	20,378	24,931	71,964	258,008
<hr/>					
Totals	January	February	March	Period ended March.	
	Number	Number	Number	Three months	Twelve months
1911-14 ...	117,365	96,781	97,520	311,666	1,248,703
1920	88,831	69,998	53,484	212,313	892,965
1921	104,670	78,821	85,354	268,845	954,645
1922	109,824	94,905	76,910	281,639	1,042,917
1923	76,374	59,061	62,246	197,681	892,407

Source: Monthly Statistical Statement, issued by the Department of Agriculture and Technical Institute for Ireland, April, 1923, page 8.

NUMBER OF SWINE ON HAND AND NUMBER SLAUGHTERED IN DENMARK.

Year	: Swine on farms, : July 15. : Number	: Slaughtered chiefly : for export : Number	: Exports of bacon : and hams : Pounds
1911	(1909) 1,468,000	2,211,197	245,903,069
1912 .....	.....	2,423,564	263,466,676
1913 .....	.....	2,404,870	272,174,184
1914	2,497,000	2,858,294	314,723,625
1915	1,919,000	2,593,549	246,905,500
1916	1,983,000	2,542,353	195,154,279
1917	1,651,000	2,479,431	157,016,903
1918	621,000	324,263	5,489,013
1919	716,000	456,385	1,197,098
1920 .....a	1,008,000	930,260	87,988,011
1921 .....a	1,327,000	1,641,194	186,663,923
1922 .....a	1,734,000	2,215,423	245,628,155

a South Jutland not included, 1920, 108,000; 1921, 103,000; 1922, 165,000.

Source: Statistisk Aarbog, 1920, 21. Kreaturholdet i Danmark den Juli, 1922.

SLAUGHTERING OF SWINE AND EXPORTS OF BACON, DENMARK, WEEKS ENDING JANUARY 1 TO JUNE 15, 1922 AND 1923.

Week ending-	: Total Slaughtering. : 1922 : Number	: Corresponding : period 1923. : Number	: Total Exports of Bacon and Hams. : 1922 : Pounds	: Corresponding : period 1923. : Pounds
Jan. 5	31,833	.....	4,129,216	.....
Jan. 12	32,848	53,252	3,822,776	6,344,839
Jan. 18	37,903	63,315	3,831,595	3,873,482
Jan. 25	40,669	60,497	3,802,935	6,871,738
Feb. 1 .....	.....	62,219	4,503,998	8,062,222
Feb. 8	31,174	59,912	4,294,561	9,411,437
Feb. 15 .....	.....	60,441	3,289,263	7,330,295
Feb. 22	37,412	61,922	4,962,555	6,272,087
Mar. 1	38,224	53,004	4,470,929	7,067,948
Mar. 8	45,765	57,626	4,404,791	6,629,232
Mar. 15	48,181	55,784	4,250,469	6,364,680
Mar. 22	33,565	55,523	5,160,969	7,586,029
Mar. 29	29,572	59,387	4,669,343	5,972,261
Apr. 5	31,247	48,237	4,096,147	6,073,673
Apr. 11	36,468	61,097	3,159,192	5,890,691
Apr. 19	27,738	63,340	3,474,450	6,649,074
Apr. 26	47,400	65,370	4,398,177	6,944,490
May 3 .....	.....	62,125	4,828,074	6,715,212
May 10 .....	.....	64,176	4,834,688	7,250,929
May 17	39,491	66,023	4,556,908	6,653,483
May 24	40,832	.....	4,224,014	.....
May 31	42,977	79,538	4,623,046	7,603,665
June 7	41,775	56,972	4,925,076	6,719,621
June 15	44,143	33,122	5,447,567	7,032,674

Sources: Landbrugsraadets Meddelelser-Weekly. Smor Tidende-weekly.

July 25, 1923.

87

Foreign Crops and Markets.

NUMBER OF SWINE SLAUGHTERED AT THE VILLETTE AND VAUGIRARD SLAUGHTER HOUSES IN PARIS, FRANCE, 1911 TO 1921.

Year	Villette	Vaugirard	Total
1910	305,882	.....	.....
1911	283,590	171,100	454,690
1912	298,577	188,655	487,232
1913	301,920	169,973	471,893
1914	273,931	200,315	474,246
1915	288,180	<u>a</u> 171,709	459,889
1916	238,146	<u>a</u> 127,176	365,322
1917	235,864	<u>a</u> 120,975	356,839
1918	177,615	<u>a</u> 86,746	264,361
1919	184,677	75,577	260,254
1920	194,478	83,967	278,445
1921	318,491	139,038	457,529

a Slaughterings by the Military Commissariat not included.

Source: Report of M. H. Martel, Member of the Medical Academy, Chief of the Veterinary Service of Paris and the Department of the Seine. Quoted in La Revue Generale du Froid et des Industries Frigerifiques, Paris, February, March, 1923, pp. 60 and 61.

CONSUMPTION OF PORK IN PARIS, 1910 to 1919.

Year	Pounds	Year	Pounds
1910	89,989,000	1915	78,774,000
1911	85,834,000	1916	70,604,000
1912	84,252,000	1917	67,593,000
1913	87,976,000	1918	57,382,000
1914	81,230,000	1919	70,415,000

Source: Statistique Agricole Annuelle 1919, page 206.

NUMBER OF SWINE IN BELGIUM, 1910 TO 1922.

(Calendar Years.)

Year	Number	Year	Number
1910	1,494,000	1919	770,000
1911	1,229,000	1920	977,000
1912	1,349,000	1921	976,000
1913	1,412,000	1922	1,139,000
1914-1918	(No data available.)		

Sources: Years 1910-12 - Annuaire Statistique de Belgique 1911-13; Year 1913 - Rapports et Communications No. 9, pp. 185 to 187; Years 1919-22 - Repartition et Rendement des Cultures et Animaux de Ferme Annies 1919 and 1920, 1921, and 1922.

SLAUGHTERING OF SWINE AND PRODUCTION OF PORK IN BELGIUM 1919 - 1921.

(Calendar Years.)

Year	Number slaughtered.	Weight	Consumption of Pork.		
			Fresh	Frozen	Total
		Pounds	Pounds	Pounds	Pounds
1919 :	478,100	95,392,486	95,392,486	.....	95,392,486
1920 :	843,285	168,074,050	168,074,050	.....	168,074,050
1921 :	1,312,424	246,580,755	246,580,755	359,350	246,940,105

Source: Consommation de viande de Boucherie No. 7 Ministère de l'Agriculture et des Travaux Publics, 1921, p. 21.

NUMBERS OF SWINE SLAUGHTERED IN PUBLIC SLAUGHTER HOUSES IN EGYPT,
1913, 1917-1922.

Calendar year.	:	Number Slaughtered.
1913	:	9,542
1917	:	12,784
1918	:	21,191
1919	:	21,630
1920	:	27,642
1921	:	15,584
1922	:	15,635

Source: Monthly Agricultural Statistics, Jan. 31, 1923, page 27.

BACON AND HAM PRODUCTION IN THE UNION OF SOUTH AFRICA 1915-16 TO 1920-21.

Year ended April 30.	:	Bacon and Ham.				
	:	Factory	:	Farm	:	Total
	:	Pounds	:	Pounds	:	Pounds
	:		:		:	
1915-16	<u>a</u>	2,021,475	:	.....	:	.....
1916-17	<u>a</u>	2,803,190	:	.....	:	.....
1917-18		4,772,461	:	2,313,000:		7,087,461
1918-19		6,535,215	:	1,887,040:		8,422,255
1919-20		6,821,415	:	1,610,120:		8,431,535
1920-21		5,555,317	:	2,244,600:		7,799,917
	:		:		:	

a Includes ham.

Source: Official Yearbook of the Union of South Africa 1920, page 527. Sixth Industrial Census 1922, page 42.

SLAUGHTERED OF SWINE AND PRODUCTION OF BACON AND HAMS IN AUSTRALIA.

Calendar year <u>a</u>	Swine slaughtered	Bacon and Hams Produced.		
		Factory	Farm	Total
	Number	Pounds	Pounds	Pounds
1910	853,383	36,487,722	8,249,554	44,737,276
1911	1,022,307	42,951,534	9,983,558	52,935,092
1912	1,040,266	44,568,994	9,473,681	54,042,675
1913	911,599	45,412,308	7,313,000	52,725,308
1914	867,440	46,548,083	6,114,077	52,662,160
1915	760,556	37,200,367	5,975,546	43,175,913
1916	821,691	43,792,836	7,613,240	51,406,076
1917	1,062,375	55,432,126	9,491,891	64,924,017
1918	1,268,442	56,505,524	9,675,694	66,181,218
1919	1,028,488	51,335,837	6,422,755	57,758,592
1920	795,863	45,121,101	5,129,386	50,250,487

a The States of New South Wales, South Australia, and the Federal Territory give their statistics as of June 30 of the following year.

Source: Commonwealth Bureau of Census and Statistics Production Bulletin No.15, pages 62 and 73.

NUMBER OF SWINE AND PRODUCTION OF BACON IN NEW ZEALAND.

Year ended March 31..	Number of Swine on hand.	Number Slaughtered.	Pork, Bacon, and Ham Produced. Pounds.
1916	298,000	219,041	28,475,328
1917	284,000	202,834	26,368,384
1918	259,000	179,540	23,340,240
1919	235,000	155,960	20,274,688
1920	267,000	200,952	26,107,648
1921	350,000	169,700	22,047,424
1922	384,000	230,446	29,954,512

Source: New Zealand Official Yearbook.

COMPARATIVE TABLE OF THE MOST IMPORTANT GERMAN FAT SUPPLIES.

Item	1912-13	1922
	Short tons.	Short tons.
German produced butter	441,000	292,000
German hog fat	595,000	265,000
German beef fat	187,000	127,000
German rendering fats (inedible) from refuse, dead animals, and bones	17,000	17,000
Oil from German oil seeds	33,000	44,000
Imported butter	61,000	1,180
Butter from imported cream	15,400	.....
Imported hog lard	118,000	72,000
Fat from imported fresh pork	7,000	2,750
Fat from imported bacon	1,600	22,600
Imported Premier Jus and Oleo (minus Exports)	50,000	22,000
Imported Tallow and Bone Fat (minus Exports)	21,000	40,000
Imported oil and oil from imported oil fruits (minus exports)	595,000	551,000
Imported fish and fat (minus exports) ..	53,000	69,000
Total	2,195,000	1,525,530
For Industrial Purposes	542,000	No data.
For Foodstuff	1,653,000	No data.

The most important German fat supplies in 1922 are estimated to have been 70 per cent of what they were in 1912-13, but with a population of 60,000,000 in 1922, as compared with 68,000,000 in 1912-13, per capita supplies were about 75 per cent or 80 per cent of the pre-war figures.

Changes in the relative importance of sources of supply are also to be noticed. In 1912-13, 58 per cent of German fats and oils were home produced and the balance was obtained by importation or production from imported seeds. In 1922 supplies arising out of importations made up 51 per cent of the total.

Probably the most important and far-reaching change, however, is the strong tendency to replace all animal fats, but pork fats in particular with other and cheaper supplies.

GERMAN AVERAGE WHOLESALE PRICES IN BERLIN.*

BACON (American)		PORK, Fresh (Up to 248 lbs.)		LARD (Pure, in tierces)		MARGARINE	
:Price :(cents :per lb.):	:Index	:Price :(cents :per lb.):	:Index	:Price :(cents :per lb.):	:Index	:Price :(cents :per lb.):	:Index
1913	:	15.5	100.0	12.3	100.0	15.1	100.0
<u>1 9 2 2</u>							
January	11.42	10.0	64.5	12.36	100.5		
February	11.51	10.5	67.7	13.98	113.7		
March	11.18	9.4	60.6	13.37	108.7	9.87	65.4
April	13.38	11.8	76.1	14.46	117.6	11.98	79.3
May	12.21	12.7	81.9	13.61	110.7	11.23	74.4
June	13.69	17.1	110.3	13.96	113.5	11.27	74.6
July	14.3	14.1	91.0	14.1	114.6	10.4	68.9
August	16.5	10.8	69.7	14.3	116.3	9.9	65.6
September	14.6	11.0	71.0	15.1	122.8	11.9	78.8
October	13.2	10.6	68.4	14.2	115.4	11.0	72.8
November	16.4	6.9	51.0	16.5	134.1	11.5	76.2
December	16.4	9.3	60.0	16.1	130.9	12.4	82.1

1 9 2 3

January	20.6		10.7	69.0	21.0	170.7	12.8	84.8
February	16.3		12.0	77.4	16.9	137.4	14.8	98.0
March	15.2		12.4	80.0	16.7	135.8	12.4	82.1
April	15.0		13.1	84.5	15.7	127.6	12.3	81.5
May	13.6		10.8	69.7	14.6	118.7	11.1	73.5
June								

April - May, 1923**

Daily Price at 10-day Intervals.

April 5	15.4		13.3	85.8	15.9	129.3	12.3	81.5
14	15.4		15.1	97.4	15.8	128.5	13.3	88.1
25	15.0		12.1	78.1	16.2	131.7	12.2	80.8
May 5	16.3		14.3	92.3	17.8	144.7	12.6	83.4
15	13.3		10.8	69.7	14.3	116.3	11.0	72.8
25	14.4		10.7	69.0	15.3	124.4	12.2	80.8

* Converted at monthly average exchange on Berlin in New York

** Converted at daily dollar rate in Berlin.

Source:Wirtschaft und Statistik.

GERMAN IMPORTS

Item.	1912-13	1922
	Short tons	Short tons
Lard:		
Total	117,676	72,000
From United States	111,102	63,153
Oleo:		
Total	28,100	14,319
From United States	22,194	11,505
From Argentina	1,184	.....
Premier Jus:(Oleo Stock)		
Total	22,028	8,347
From United States	10,816	3,825
From Argentina	6,430	2,350
Tallow:		
Total	26,594	34,488
From United States	3,677	9,254
Cottonseed Oil:		
Total	23,784	2,935
From United States	16,958	410
Fish Oil:		
Total	48,334	69,027
Bone Grease:		
Total	3,889	7,933
From England	528	4,616
EXPORTS:		
Bone grease and rendering grease...	9,502	3,045

Source: Report of U.S. Agricultural Representative in Berlin, June 12, 1923.

Imports varied from 12 per cent of pre-war tonnage in the case of cottonseed oil to 130 per cent for tallow, lard was 61 per cent, oleo 50 per cent, and premier Jus 38 per cent. Fish oil, imported chiefly from Scandinavian countries, increased 43 per cent over 1912 and 1913.

The United States furnished 71 per cent of cottonseed oil imports in 1912 and 1913, but only 14 per cent in 1922. Tallow imports from the United States, however, increased from 14 per cent of the total to 27 per cent for the corresponding period.

PORK, INCLUDING PORK PRODUCTS-INTERNATIONAL TRADE, AVERAGE, 1911-13, 1921 AND 1922

Countries	Average 1911-13		1921		1922	
	Imports	Exports	Imports	Exports	Imports	Exports
	:1,000 lbs.	:1,000 lbs.	:1,000 lbs.	:1,000 lbs.	:1,000 lbs.	:1,000 lbs.
Argentina.....	1,977:	9:	(c)	25,761:	(c)	17,293
Australia.....	923:	6,294:	(c)	(c)	(c)	(c)
Brazil.....	3,767:	278:	13:	14,235:	(c)	4,334
Union of S.Africa	8,249:	30:	498:	582:	743:	375
Canada.....	29,189:	47,700:	63,699:	110,759:	62,767:	103,915
Denmark.....	7,124:	298,086:	8,274:	203,289:	8,849:	264,656
United States...	514:	1,019,561:	816:	1,631,238:	818:	1,487,765
Algeria.....	2,773:	491:	(c)	(c)	(c)	(c)
Austria.....	14,338:	3,343:	76,511:	617:	(c)	(c)
Belgium.....	22,232:	16,254:	46,453:	18,613:	48,345:	10,199
Cuba.....	85,973:	---	(c)	(c)	(c)	(c)
France.....	59,824:	24,668:	85,240:	11,722:	88,120:	6,577
Germany.....	265,669:	3,532:	(c)	(c)	243,475:	1,169
Italy.....	16,932:	1,537:	25,066:	457:	5,079:	4,528
Netherlands.....	88,143:	139,916:	42,923:	105,188:	23,508:	119,099
Norway.....	9,751:	26:	18,937:	6:	20,595:	(c)
Peru.....	5,742:	19:	5,737:	8:	(c)	(c)
Philippine Is.	4,414:	---	3,441:	---	(c)	---
Spain.....	553:	641:	3,161:	1,089:	(c)	(c)
Sweden.....	6,736:	19,445:	16,686:	32,423:	19,537:	24,244
Switzerland.....	21,976:	105:	24,931:	13:	13,086:	1,102
United Kingdom	919,794:	15,820:	1,026,046:	2,033:	1,158,440:	2,762
TOTAL	: 1,576,593:	: 1,597,755:	: 1,448,432:	: 2,158,033:	: 1,693,392:	: 2,048,018

(c) Figures not yet available.

Source: The official trade statistics of the various countries.

HOGS: EXPORTS FROM THE UNITED STATES BY COUNTRIES OF DESTINATION
FOR FISCAL YEARS 1910 to 1918, CALENDAR YEARS 1918 to 1922
AND JANUARY TO MAY 1923.

Year Ending-	Cuba	Mexico	United Kingdom	Canada	Other Countries	TOTAL
June 30	Number	Number	Number	Number	Number	Number
1910	3,168:	987:	---	123:	132:	4,410
1911	8,023:	334:	---	87:	107:	8,551
1912	16,963:	1,628:	---	163:	284:	19,038
1913	11,142:	3,672:	---	223:	295:	15,332
1914	8,705:	812:	---	110:	495:	10,122
1915	5,662:	1,961:	1:	16:	159:	7,799
1916	9,508:	2,152:	9,923:	84:	381:	22,048
1917	9,288:	10,403:	1,909:	109:	217:	21,926
1918	7,376:	1,567:	---	139:	198:	9,280
December 31	:	:	:	:	:	:
1918	9,583:	132:	---	134:	459:	10,308
1919	19,947:	3,987:	---	177:	634:	24,745
1920	49,021:	5,237:	178:	151:	663:	55,250
1921	98,015:	24,217:	---	522:	313:	123,067
1922	67,395:	10,073:	---	123:	170:	77,761
5 months Jan.-May	:	:	:	:	:	:
1923	36,898:	1,801:	---	26:	50:	38,775

Source: Bureau of Foreign and Domestic Commerce.

BACON: EXPORTS FROM THE UNITED STATES BY COUNTRIES - AVERAGE 1910-14,
CALENDAR YEARS 1918 - 22 AND FIVE MONTHS JANUARY-MAY, 1923.

Countries	Calendar Years						
	Average :						:5 mos.
	:1910-14 a:	1918	1919	1920	1921	1922	:Jan.-May, : 1923
	: 1,000 :	1,000	1,000	1,000	1,000	1,000	1,000
	: lbs. :	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.
Austria Hungary:	1,757:	---	10,368:b	2,930:b	162:b	78:b	109
Belgium	4,901:	67,444:	90,823:	35,086:	20,773:	17,104:	8,969
Denmark.....	172:	---	39,040:	6,642:	4,610:	1,654:	1,362
Finland.....	4,788:	---	13,701:	582:	5,114:	4,962:	3,914
France.....	2,689:	98,496:	178,431:	25,041:	12,155:	2,512:	5,309
Germany.....	1,205:	---	53,450:	76,035:	54,134:	54,487:	38,698
Gibraltar.....	726:	---	5,530:	777:	1,080:	223:	150
Italy.....	7,561:	98,079:	48,128:	18,845:	9,108:	1,283:	6,097
Netherlands....	4,409:	---	112,029:	61,759:	28,830:	18,419:	18,376
Norway.....	3,638:	---	26,152:	6,760:	11,110:	8,311:	6,490
Russia-Europe..	182:	8,173:	848:	1:	201:	376:	---
Spain.....	73:	---	533:	3,045:	2,553:	26:	1,119
Sweden.....	1,909:	1,681:	51,821:	17,411:	7,262:	7,320:	3,670
United Kingdom :	133,760:	789,254:	507,184:	344,556:	209,552:	187,402:	78,594
Canada.....	4,965:	24,454:	34,253:	12,474:	13,981:	11,118:	3,351
Cuba.....	7,697:	16,101:	15,957:	21,191:	27,241:	23,860:	10,345
Brazil.....	1,015:	2:	7:	11:	---	1:	(c)
Philippine Is..	603:	13:	25:	20:	57:	83:	18
Other countries:	1,382:	1,091:	1,947:	3,510:	7,433:	2,620:	2,941
TOTAL.....	183,432:	1,104,788:	1,190,297:	636,676:	415,356:	341,839:	189,512

a Fiscal year ending June 30.

b Austria only

c Less than 500

Source: Compiled from publications and records of the Department of Commerce,
originating in the customs records of the Treasury Department.

LARD: EXPORTS FROM THE UNITED STATES BY COUNTRIES, AVERAGE 1910-1914,
CALENDAR YEARS 1918-1922 AND FIVE MONTHS JANUARY-MAY 1923.

Countries	Average	Calendar Years.					
	1910-14(a)	1919	1920	1921	1922	Jan.-May	1923.
	1,000	1,000	1,000	1,000	1,000	1,000	1,000
	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.
Austria Hungary...	3,553:	15,184: (b)	2,919: (b)	467: (b)	1,622: (b)	880	
Belgium	17,076:	155,802:	55,021:	51,565:	43,971:	21,980	
Denmark	2,481:	33,505:	6,329:	9,506:	4,934:	3,417	
Finland	29:	2,772:	463:	2,773:	3,615:	1,998	
France	12,090:	96,297:	48,756:	40,102:	26,731:	19,201	
Germany	142,311:	39,495:	127,836:	278,045:	223,760:	190,679	
Italy	4,656:	2,463:	23,154:	11,745:	15,937:	14,094	
Netherlands	36,501:	68,597:	91,298:	76,965:	29,803:	32,236	
Norway	1,174:	1,257:	1,018:	1,579:	1,916:	873	
Sweden	530:	24,484:	5,000:	5,592:	5,289:	2,575	
Switzerland	---	32,248:	1,913:	4,614:	3,071:	1,363	
United Kingdom...	169,176:	219,307:	128,772:	232,204:	237,572:	108,396	
TOTAL EUROPE...	389,577:	691,411:	492,479:	715,157:	598,221:	397,692	
Canada	10,182:	5,090:	12,730:	12,706:	11,686:	5,092	
Mexico	7,001:	7,134:	17,302:	43,458:	43,897:	19,088	
Cuba	41,379:	44,766:	65,721:	72,311:	80,878:	38,880	
Haiti	3,068:	1,138:	1,950:	1,312:	1,539:	910	
Dominican Republic	1,021:	822:	2,312:	3,333:	3,410:	1,901	
Columbia	1,830:	138:	1,475:	191:	2,512:	2,871	
Ecuador	3,369:	2,407:	2,898:	2,952:	3,730:	2,316	
Peru	2,785:	945:	2,414:	3,323:	5,812:	4,537	
Venezuela	1,209:	51:	1,722:	968:	971:	920	
Other countries...	12,934:	7,000:	11,247:	13,231:	14,294:	10,495	
GRAND TOTAL....	474,355:	760,902:	612,250:	868,942:	766,950:	484,702	

(a) Fiscal year ending June 30

(b) Austria only.

Source: Compiled from publications and records of the Department of Commerce originating in the customs records of the Treasury Department.

HAMS AND SHOULDERS: EXPORTS FROM THE UNITED STATES BY COUNTRIES, AVERAGE
1910-14, CALENDAR YEARS 1918-22 AND JANUARY-MAY, 1923.

Countries	Average	Calendar Years.						5 months,
	1910-14*	1918	1919	1920	1921	1922	Jan.-May, 1923	
	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.
Austria Hungary..	2:	---	1,936: (1)	795:	---	---	---	---
Belgium	7,863:	5,853:	30,055:	6,597:	7,568:	10,821:	6,701	---
Denmark	17:	---	5,282:	38:	92:	5:	---	---
France	146:	30,337:	103,202:	26,209:	1,398:	487:	1,456	---
Germany	29:	---	7,627:	2,145:	161:	292:	524	---
Gibraltar	67:	---	6,010:	13:	6:	---	---	---
Italy	77:	7,102:	65,246:	3,236:	27:	(2)	5	---
Netherlands	163:	---	8,570:	1,589:	1,903:	450:	428	---
Norway	286:	(2)	4,359:	248:	1,765:	1,983:	2,025	---
Russia in Europe:	---	484:	1,591:	4:	---	2:	---	---
Sweden	41:	1:	2,821:	88:	27:	91:	118	---
United Kingdom..	143,087:	470,415:	338,028:	116,257:	194,235:	241,758:	121,651	---
Canada	4,510:	11,113:	7,457:	6,354:	9,222:	17,728:	6,957	---
Panama	984:	110:	271:	345:	516:	508:	300	---
Cuba	4,696:	8,707:	9,863:	15,612:	10,193:	10,242:	6,539	---
Other countries..	4,845:	3,091:	4,478:	5,717:	5,211:	5,246:	2,230	---
TOTAL.....	166,813:	537,213:	596,796:	185,247:	232,324:	289,613:	148,934	---

* Fiscal year ending June 30.

(1) 794,376 lbs. for Austria and 180 lbs. for Hungary.

(2) Less than 500.

Source: Compiled from publications and records of the Department of Commerce originating in the customs records of the Treasury Department.

PORK AND PORK PRODUCTS: EXPORTS FROM THE UNITED STATES TO GERMANY,
BY MONTHS, JANUARY 1921 TO MAY, 1923.

Month	: Bacon and : Hams and : Shoulders	: Lard : and : Neutral Lard	: Pork, fresh	: Pork, canned and : Pickled
	: Pounds	: Pounds	: Pounds	: Pounds
1921:				
January.....	10,384,251	18,460,492	4,679,680	210,388
February.....	2,134,594	30,419,670	923,533	94,799
March.....	1,761,028	23,786,830	---	1,800
April.....	949,432	10,082,420	25,877	---
May.....	3,900,206	11,846,875	474,333	22,000
June.....	6,300,735	30,057,599	306,420	26,096
July.....	8,960,813	26,733,728	4,109,004	747,148
August.....	5,580,269	43,545,890	1,910,055	207,126
September.....	9,898,928	54,519,441	33,721	257,604
October.....	2,925,006	15,389,158	---	---
November.....	448,160	6,253,562	---	45,500
December.....	1,051,106	9,411,123	---	36,100
Total....	54,294,528	280,506,788	12,462,623	1,648,561
1922:				
January.....	2,658,547	18,916,867	---	30,300
February.....	5,706,760	30,189,272	---	94,207
March.....	3,838,398	25,140,886	21,861	95,350
April.....	2,375,633	6,768,803	---	25,800
May.....	3,676,856	8,274,819	---	85,300
June.....	6,294,545	18,191,801	---	128,093
July.....	8,577,061	21,403,830	151,716	517,835
August.....	9,610,039	23,172,908	272,339	821,601
September.....	2,748,297	16,587,384	422,170	156,837
October.....	3,966,828	23,194,111	395,517	133,759
November.....	2,735,625	14,168,067	220,978	264,737
December.....	2,590,835	19,800,885	40,994	112,450
Total....	54,779,424	225,809,633	1,525,575	2,466,269
1923:				
January.....	6,249,559	37,122,838	255,320	393,853
February.....	6,090,335	33,683,036	---	277,840
March.....	10,629,821	44,823,541	25,315	296,044
April.....	6,265,963	29,514,113	226,714	85,225
May.....	9,985,640	46,809,898	359,373	333,128
Total....	39,221,318	191,953,476	866,722	1,386,090

Source: Bureau of Foreign and Domestic Commerce.

PORK AND LARD: IMPORTS INTO GERMANY, BY COUNTRIES-CALENDAR YEARS 1913 AND 1922.

Countries	Pork, Fresh.		Pork, Cured.		Hams, Cured.	
	1913	1922	1913	1922	1913	1922
	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
Belgium	341,000:	(1)	8,299,000:	(1)	119,000:	(1)
Denmark	2,705,000:	(1)	---	7,006,000:	163,000:	(1)
France	93,000:	(1)	---	(1)	---	(1)
Netherlands...	18,465,000:	873,000:	541,000:	(1)	370,000:	294,000
Austria Hungary:	577,000:	(1)	---	(1)	494,000:	(1)
Russia	11,796,000:	(1)	226,000:	(1)	---	(1)
Sweden	1,622,000:	(1)	744,000:	(1)	---	(1)
Switzerland ..	200,000:	(1)	---	(1)	---	(1)
United Kingdom:	---	1,106,000:	543,000:	(1)	---	(1)
United States.:	---	8,209,000:	161,000:	15,584,000:	---	950,000
All other:	76,000:	4,096,000:	171,000:	3,967,000:	95,000:	94,000
TOTAL	35,875,000:	14,284,000:	10,680,000:	26,557,000:	1,241,000:	1,338,000

Countries	Bacon.		Lard.		
	1913	1922	1913	1922	
	Pounds	Pounds	Pounds	Pounds	
Belgium	363,000:	---	---	---	:
Denmark	405,000:	(1)	7,577,000:	(1)	:
Netherlands ..	260,000:	838,000:	3,528,000:	9,391,000:	:
Switzerland ..	160,000:	(1)	---	(1)	:
United States..	2,306,000:	54,796,000:	223,065,000:	126,306,000:	:
Serbia	---	(1)	2,073,000:	(1)	:
Sweden	---	(1)	224,000:	(1)	:
All other	143,000:	1,290,000:	279,000:	8,304,000:	:
TOTAL	3,637,000:	56,924,000:	236,746,000:	144,001,000:	:

(1) If any, included in "All other countries."

Source: Ausvartiger Handel.

HAMS: IMPORTS INTO THE UNITED KINGDOM, CALENDAR YEARS, AVERAGE
1909-13, 1921 AND 1922 AND JAN.-MAY, 1923.

Countries	Average 1909-13:	1921	1922	5 Months January-May 1923.
	Pounds	Pounds	Pounds	Pounds
Denmark	209,000	26,000	(1)	(1)
Germany	101,000	---	(1)	(1)
Servia	217,000	---	(1)	(1)
United States..	94,242,000	114,320,000	147,903,000	674,000
Canada	7,126,000	10,518,000	10,793,000	25,000
Other countries..	156,000	1,392,000	1,827,000	4,000
TOTAL.....	102,051,000	126,256,000	160,523,000	703,000

BACON: IMPORTS INTO THE UNITED KINGDOM, CALENDAR YEARS, AVERAGE
1909-13, 1921 AND 1922 AND JAN.-MAY, 1923.

Countries	Average 1909-13:	1921	1922	5 Months January-May 1923.
	Pounds	Pounds	Pounds	Pounds
Russia	16,734,000	---	(1)	(1)
Sweden	4,321,000	17,315,000	(1)	(1)
Denmark & Faroe Is.	232,510,000	207,187,000	264,738,000	1,330,000
Netherlands....	11,497,000	28,979,000	(1)	(1)
Servia	850,000	---	(1)	(1)
United States..	197,468,000	281,050,000	275,897,000	1,417,000
Canada	47,086,000	94,531,000	82,575,000	253,000
Other countries	1,365,000	6,828,000	41,191,000	161,000
TOTAL....	511,831,000	635,890,000	664,401,000	3,161,000

(1) If any, included in "All other countries."

Source: Annual Statement of the Trade of the United Kingdom with Foreign
Countries and British Possessions.

UNITED KINGDOM - NET IMPORTS OF EDIBLE FATS AND OILS, 1913, 1920 - 1922, AND JANUARY-
MAY, 1923

Item	1913	1920	1921	1922	January 1 to May 31, 1923
	Short tons	Short tons	Short tons	Short tons	Short ton
Lard.....	95,230	77,793	125,552	128,283	63,302
Margarine	84,567	50,149	58,367	55,942	28,203
Butter.....	225,868	93,900	186,448	213,702	127,540
Refined oils and fats:	80,585	45,235	63,656	53,040	22,620
Unrefined oils.....	100,985	192,406	136,167	126,381	34,966
Seeds (oil equivalent):	160,318	106,528	96,632	133,398	82,055
Nuts and kernels (oil equivalent).	24,849	220,839	170,193	171,849	86,265
Total.....	772,402	786,849	837,015	882,592	444,950
	Per cent of Total	Per cent of Total	Per cent of Total	Per cent of Total	Per cent of Total
Lard	12.3	9.9	15.0	14.5	14.2
Margarine.....	11.0	6.4	7.0	6.4	6.3
Butter.....	29.2	11.9	22.3	24.2	28.7
Refined oils and fats:	10.4	5.7	7.6	6.0	5.1
Unrefined oils.....	13.1	24.5	16.3	14.3	7.9
Seeds (oil equivalent):	20.8	13.5	11.5	15.1	18.4
Nuts and kernels (oil equivalent).	3.2	28.1	20.3	19.5	19.4
Total.....	100.0	100.0	100.0	100.0	100.0

Source: Annual Statement of Trade of the United Kingdom.

LARD: IMPORTS INTO THE UNITED KINGDOM BY COUNTRIES,
CALENDAR YEARS, AVERAGE 1909-13, 1921 AND 1922.

Countries	: Average 1909-1913 :	1921	: 1922
	<u>Pounds</u>	<u>Pounds</u>	<u>Pounds</u>
Denmark & Faroe Is.....:	1,786,000	1,953,000	(1)
Germany	324,000	4,000	(1)
Netherlands	1,684,000	1,183,000	(1)
China	1,123,000	9,206,000	(1)
United States	185,882,000	222,923,000	234,145,000
Canada	6,297,000	11,254,000	(1)
Other countries.....:	734,000	8,375,000	23,379,000
TOTAL	197,830,000	254,903,000	257,524,000

(1) If any, included in "All other countries".

Source: Annual Statement of the Trade of the United Kingdom with Foreign Countries and British Possessions.

LARD: IMPORTS INTO THE UNITED KINGDOM BY MONTHS, JANUARY 1922 TO MAY 1923.

Month-	1922			1923		
	United	Other		United	Other	
	States	Countries	TOTAL	States	Countries	TOTAL
	: 1,000 lbs.:	: 1,000 lbs.:	: 1,000 lbs.:	: 1,000 lbs.:	: 1,000 lbs.:	: 1,000 lbs.:
January	: 22,362:	426	: 22,788:	: 29,452:	1,240:	: 30,692
February	: 20,115:	630	: 20,745:	: 21,575:	912:	: 22,487
March	: 21,224:	553	: 21,777:	: 22,725:	1,250:	: 23,975
April	: 17,040:	531	: 17,571:	: 26,282:	1,837:	: 28,119
May	: 23,410:	2,198	: 25,608:	: 19,206:	2,784:	: 21,990
Jan.-May	: 104,151:	4,338	: 108,489:	: 119,240:	8,023:	: 127,263
June	: 18,682:	2,506	: 21,188:	:	:	:
July	: 20,975:	2,578	: 23,553:	:	:	:
August	: 13,747:	4,189	: 17,930:	:	:	:
September	: 15,830:	2,722	: 18,552:	:	:	:
October	: 15,228:	2,396	: 17,624:	:	:	:
November	: 19,824:	2,367	: 22,191:	:	:	:
December	: 25,708:	2,283	: 27,991:	:	:	:
TOTAL	: 234,145:	23,379	: 257,524:	:	:	:

Source: Annual Statement of the Trade of the United Kingdom with Foreign Countries and British Possessions.

EXPORTS OF SWINE, BACON, HAMS, SHOULDERS AND LARD FROM DENMARK.

Calendar Years, Average 1909-13, 1921, 1922, January-April 1923.

Countries to which exported	Average 1909-13	1921	1922	January-April 1923.
	Number	Number	Number	Number
SWINE:				
Russia	23	(1)	(1)	---
Germany	(2)	8,500	4,301	5,712
Czechoslovakia	---	(1)	3,917	15,698
Other countries:	27	423	170	2,426
TOTAL	50	8,923	9,388	23,836
	Pounds	Pounds	Pounds	Pounds
BACON, HAMS AND SHOULDERS:				
Germany	631,000	87,000	192,000	24,000
Great Britain	238,595,000	186,501,000	245,007,000	111,907,000
Norway	302,000	30,000	(1)	
Belgium	116,000	(1)	(1)	
France	75,000	(1)	(1)	
Switzerland	18,000	29,000	(1)	
Other countries:	569,000	17,000	429,000	686,000
TOTAL	240,406,000	186,664,000	245,628,000	112,617,000
	Pounds	Pounds	Pounds	Pounds
LARD:				
Great Britain	1,871,000	1,761,000	(3)	
Germany	6,845,000	4,048,000	(3)	
Norway	424,000	20,000	(3)	
Other countries:	734,000	156,000	(3)	
TOTAL	9,874,000	5,985,000	5,460,000	3,919,000

Sources: Danmarks Statistik, Vareomeatninger med Udlandet.

(1) If any, included in "All other countries."

(2) Less than 1.

(3) Not yet available.

UNION OF SOUTH AFRICA: IMPORTS AND EXPORTS OF PORK AND PORK PRODUCTS,
CALENDAR YEARS, 1918-1922.

	: Pork, :	: Bacon :	: Hams :	: Lard :	: Lard Oil :	: Total Pork
	: fresh or :					: Products.
	: frozen :					
	: Pounds :	: Pounds :	: Pounds :	: Pounds :	: Pounds :	: Pounds
1918:	:	:	:	:	:	:
Imports.....	---	81,916:	60,342:	20,334:	---	162,592
Exports.....	55,369:	62,316:	26,707:	39,596:	---	183,988
1919:	:	:	:	:	:	:
Imports.....	---	3,797:	37,461:	27,896:	4,605:	73,759
Exports.....	122,025:	1,241,563:	74,145:	47,209:	---	1,484,942
1920:	:	:	:	:	:	:
Imports.....	147,617:	19,697:	64,471:	470,123:	6,480:	708,388
Exports.....	249,849:	643,714:	25,564:	17,455:	---	936,582
1921:	:	:	:	:	:	:
Imports.....	3,000:	158,688:	185,981:	144,943:	6,352:	498,964
Exports.....	16,200:	554,801:	18,082:	14,738:	---	603,821
1922:	:	:	:	:	:	:
Imports.....	---	355,039:	274,336:	159,338:	12,270:	800,983
Exports.....	(1)	(1)	(1)	5,400:	(1)	:

(1) Not yet available.

Source: Annual Statement of the Trade and Shipping of the Union of South Africa.

Index

	Page::	Page
Crop prospects	69::	Swine, pork, and pork products,- Cont.
Grain crop statistics:	::	Great Britain and Ireland,
Acreage, 1922 and 1923, all coun-	::	number of swine 83
tries reporting,	::	Ireland,
Rye, barley, oats	76::	Pig purchases by curing ex-
Wheat.....	75::	tablishments 84
Production, 1922 and 1923, all	::	Hogs purchased by bacon
countries reporting,	::	curers' 85
Rye, barley, oats.....	77::	New Zealand, number slaughtered ... 90
Wheat	74::	Number of swine-world table 78
Trade,	::	Paris, France,
Exports,	::	Number swine slaughtered at
Wheat and wheat flour from	::	Villette and Vaugirard
United States	74::	slaughterhouses 87
Wheat and wheat flour from	::	Pork consumption in Paris 87
United States and Canada .	75::	Union of South Africa,
Cotton:	::	Bacon and ham production 89
Egypt	73::	Trade,
Queensland	73::	Exports,
Spain	72::	Denmark,
Sugar production:	::	Swine, bacon, hams,
Cuba	72::	shoulders and lard .....104
World	72::	United States,
Swine, pork, and pork products:	::	Bacon, by countries 96
Australia, slaughterings and pro-	::	Hams and shoulders 98
duction of bacon and ham	90::	Hogs, by countries 95
Belgium,	::	Lard, by countries 97
Number of swine, 1910-22	88::	Pork to Germany 99
Slaughter of swine and produc-	::	Imports and exports,
tion of pork	88::	Union of S. Africa, pork.....105
Canada,	::	Imports,
Slaughterings,	::	Germany,
Inspected establishments ...	82::	Lard, oleo, etc. 93
Packing houses and abattoirs	82::	Pork and lard .....100
Denmark,	::	United Kingdom:
Number of swine on hand	86::	Bacon .....101
Slaughter of swine, exports bacon	86::	Fats and oils .....102
Egypt, number slaughtered	89::	Hams .....101
Germany,	::	Lard .....103
Fat supplies	91::	International trade, pork
Prices, bacon, pork, lard, etc.	92::	including pork products,
Swine, slaughter, 1909-22	83::	avg. 1911-13, 1921 and 1922... 94

